

# 2  
4-5-02

Customer No. 30223

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application Of: ) Atty. Docket No.: 47171-00373USD1  
Douglas U. Mennie )  
William J. Jones )  
Mark C. Munro )  
Application No.: Not Assigned )  
Group Art Unit: 2621  
Filed: February 27, 2002 )  
For: Automatic Funds Processing System )

10/084856  
02/27/02  
U.S. PTO  
1996

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents  
Washington, D.C. 20231

Attn: Box Patent Application

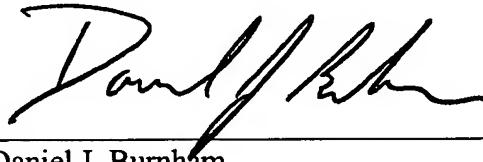
Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered, and the references listed on enclosed Form PTO-1449 be considered by the Examiner and made of record. In accordance with 37 C.F.R. § 1.98(d), copies of the listed references are not enclosed as they were submitted by the Applicants or cited by the Examiner for parent Application No. 08/814,978.

In accordance with 37 C.F.R. §§ 1.97(g) and (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, or an admission that the information disclosed is, or is considered to be, prior art with respect to the present application or material to patentability, as defined in 37 C.F.R. § 1.56.

This Information Disclosure Statement is being filed prior to receipt of a first Office Action reflecting an examination on the merits and, hence, is believed to be timely in accordance with 37 C.F.R. § 1.97(b). Accordingly, no fee is believed to be due. Should any fee be deemed necessary (except payment of the issue fee), however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 10-0447 (47171-00373USD1). A duplicate copy of this Statement is enclosed for that purpose.

Respectfully submitted,



Date: February 27, 2002

Daniel J. Burnham  
Reg. No. 39,618  
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Attorney for Applicants

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**FEE TRANSMITTAL**

		<b>Complete if Known</b>			
		<b>Application Number</b>		Not Assigned	
		<b>Filing Date</b>		February 27, 2002	
		<b>First Named Inventor</b>		Douglas U. Mennie	
		<b>Group Art Unit</b>		Not Assigned	
		<b>Examiner Name</b>		Not Assigned	
<b>TOTAL AMOUNT OF PAYMENT</b>	(\$) <b>1,656.00</b>		<b>Attorney Docket Number</b>		47171-00373USD1

<b>METHOD OF PAYMENT</b> (check one)						<b>FEES CALCULATION (continued)</b>																																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <b>10-0447/47171-00373USD1</b></p> <p>Deposit Account Name Jenkens &amp; Gilchrist</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.31(b)</p>						<p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="6" style="text-align: right;"><b>SUBTOTAL (3) (\$)</b> <b>40</b></td> </tr> <tr> <td colspan="12" style="text-align: center;">* Reduced by Basic Filing Fee Paid</td> </tr> </tbody> </table>						Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	400	216	200	Extension for response within second month		117	920	217	460	Extension for response within third month		118	1,440	218	720	Extension for response within fourth month		119	310	219	155	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,280	241	640	Petition to revive unintentionally abandoned application		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						<b>SUBTOTAL (3) (\$)</b> <b>40</b>						* Reduced by Basic Filing Fee Paid											
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SUBMITTED BY		Complete (if applicable)			
Typed or Printed Name	Daniel J. Burnham		Reg. Number	39,618	
Signature			Date	02/27/02	Deposit Acct. User ID
				10-0447/47171-00373USD1	

Form PTO-1449 (modified)

**LIST OF PRIOR ART CITED BY APPLICANT**

Sheet 1 of 13

Application No.: Not Assigned  
 Filing Date: February 27, 2002  
 First Named Inventor: Douglas U. Mennie  
 Group Art Unit: Not Assigned  
 Examiner: Not Assigned  
 Attorney Docket No.: 47171-00373USD1

JC996 U.S. PRO  
 10/084856  
 02/27/02


**U.S. PATENT DOCUMENTS**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A1	Des. 369,984	05/1996	Larsen	D10	97	
	A2	446,303	02/1891	Thompson			
	A3	2,669,998	02/1954	Buchholz	133	8	
	A4	2,750,949	06/1956	Kulo et al.	133	8	
	A5	2,835,260	05/1958	Buchholz	133	8	
	A6	3,246,295	04/1966	DeClaris et al.	382	56	
	A7	3,280,974	10/1966	Riddle et al.	209	111.8	
	A8	3,480,785	11/1969	Aufderheide	250	219	
	A9	3,496,370	02/1970	Haville et al.	250	219	
	A10	3,509,535	04/1970	Berube	340	149	
	A11	3,612,835	10/1971	Andrews et al.	235	61.11D	
	A12	3,618,765	11/1971	Syoasel et al.	209	122	
	A13	3,679,314	07/1972	Mustert	356	71	
	A14	3,715,031	02/1973	Okkonen	209	75	
	A15	3,764,899	10/1973	Peterson	324	61.R	
	A16	3,778,628	12/1973	Novak et al.	250	556	
	A17	3,798,603	03/1974	Wahlberg	340	149	
	A18	3,800,078	03/1974	Cochran et al.	178	7.1	
	A19	3,806,710	04/1974	Shigemori et al.	235	92	
	A20	3,815,021	06/1974	Kerr	324	61.R	
	A21	3,842,281	10/1974	Goodrich	250	461	
	A22	3,870,629	03/1975	Carter et al.	209	111.8	
	A23	3,906,449	09/1975	Marchak	340	149R	
	A24	3,976,198	08/1976	Carnes, Jr., et al.	209	111.7T	
	A25	4,041,456	08/1977	Ott et al.	382	135	

\*Examiner: Initial if citations considered, whether or not citation is in conformation with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Form PTO-1449 (modified)

**LIST OF PRIOR ART CITED BY APPLICANT**

Sheet 2 of 13

Application No.: Not Assigned  
 Filing Date: February 27, 2002  
 First Named Inventor: Douglas U. Mennie  
 Group Art Unit: Not Assigned  
 Examiner: Not Assigned  
 Attorney Docket No.: 47171-00373USD1

**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A26	4,096,991	06/1978	Iguchi	235	419	
	A27	4,114,804	09/1978	Jones et al.	235	476	
	A28	4,147,430	04/1979	Gorgone et al.	356	51	
	A29	4,179,685	12/1979	O'Maley	340	146.3H	
	A30	4,205,780	06/1980	Burns et al.	235	454	
	A31	4,250,806	02/1981	Boyson et al.	101	2	
	A32	4,255,651	03/1981	Phillips	235	92	
	A33	4,264,808	04/1981	Owens et al.	235	379	
	A34	4,277,774	07/1981	Fujii et al.	340	146.3	
	A35	4,283,708	08/1981	Lee	340	146.3Z	
	A36	4,288,781	09/1981	Sellner et al.	340	146.30	
	A37	4,302,781	11/1981	Ikeda et al.	358	486	
	A38	4,310,885	01/1982	Azcua et al.	364	405	
	A39	4,311,914	01/1982	Huber	250	556	
	A40	4,313,598	02/1982	DiBlasio	271	124	
	A41	4,321,672	03/1982	Braun et al.	364	408	
	A42	4,334,619	06/1982	Horino et al.	209	551	
	A43	4,337,864	07/1982	McLean	209	534	
	A44	4,348,656	09/1982	Gorgone et al.	340	146.3R	
	A45	4,349,111	09/1982	Shah et al.	209	534	
	A46	4,352,988	10/1982	Ishida	250	559	
	A47	4,355,300	10/1982	Weber	340	146.3C	
	A48	4,355,369	10/1982	Garvin	364	900	
	A49	4,356,473	10/1982	Freudenthal	340	146.3H	

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Form PTO-1449 (modified)		Application No.:	Not Assigned
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Sheet 3 of 13		Attorney Docket No.:	47171-00373USD1

**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A50	4,360,034	11/1982	Davila et al.	133	3	
	A51	4,381,447	04/1983	Horvath et al.	250	223	
	A52	4,383,540	05/1983	DeMeyer et al.	133	3H	
	A53	4,386,432	05/1983	Nakamura et al.	382	7	
	A54	4,396,902	08/1983	Warthan et al.	382	64	
	A55	4,416,299	11/1983	Bergman	133	1 R	
	A56	4,442,541	04/1984	Finkel et al.	382	7	
	A57	4,461,028	07/1984	Okubo	382	15	
	A58	4,464,786	08/1984	Nishito et al.	382	7	
	A59	4,464,787	08/1984	Fish et al.	382	7	
	A60	4,480,177	10/1984	Allen	235	379	
	A61	4,487,306	12/1984	Nao et al.	194	4	
	A62	4,490,846	12/1984	Ishida et al.	382	7	
	A63	4,513,439	04/1985	Gorgone et al.	382	7	
	A64	4,530,067	07/1985	Dorr	364	900	
	A65	4,538,719	09/1985	Gray et al.	194	100 A	
	A66	4,539,702	09/1985	Oka	382	7	
	A67	4,542,829	09/1985	Emery et al.	209	534	
	A68	4,543,969	10/1985	Rasmussen	133	3	
	A69	4,544,266	10/1985	Antes	356	71	
	A70	4,547,896	10/1985	Ohtombe et al.	382	7	
	A71	4,553,222	11/1985	Kurland et al.	364	900	
	A72	4,553,846	11/1985	Hilton et al.	356	429	
	A73	4,556,140	12/1985	Okada	194	4	

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Form PTO-1449 (modified)

**LIST OF PRIOR ART CITED BY APPLICANT**

Sheet 4 of 13

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 Group Art Unit: Not Assigned  
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**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A74	4,558,224	12/1985	Gober	250	460.1	
	A75	4,559,451	12/1985	Curl	250	560	
	A76	4,563,771	01/1986	Gorgone et al.	382	7	
	A77	4,567,370	01/1986	Falls	250	461.1	
	A78	4,569,421	02/1986	Sandstedt	186	39	
	A79	4,582,172	04/1986	Takeuchi et al.	186	38	
	A80	4,587,412	05/1986	Apisdorf	235	449	
	A81	4,587,434	05/1986	Roes et al.	250	556	
	A82	4,592,090	05/1986	Curl et al.	382	7	
	A83	4,593,184	06/1986	Bryce	2235	449	
	A84	4,594,644	06/1986	Hashimoto	364	405	
	A85	4,611,345	09/1986	Ohnishi et al.	382	7	
	A86	4,617,458	10/1986	Bryce	235	449	
	A87	4,628,194	12/1986	Dobbins et al.	235	379	
	A88	4,645,936	02/1987	Gorgone	250	556	
	A89	4,653,647	03/1987	Hashimoto	209	534	
	A90	4,658,289	04/1987	Nagano et al.	358	75	
	A91	4,676,343	06/1987	Humble et al.	186	61	
	A92	4,677,682	06/1987	Miyagawa et al.	382	7	
	A93	4,678,072	07/1987	Kobayashi et al.	194	206	
	A94	4,697,071	09/1987	Hiraoka et al.	235	379	
	A95	4,700,368	10/1987	Munn et al.	377	8	
	A96	4,716,456	12/1987	Hosaka	358	75	
	A97	4,733,308	03/1988	Nakamura et al.	358	496	

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**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A98	4,735,289	04/1988	Kenyon	186	37	
	A99	4,743,974	05/1988	Lockwood	358	285	
	A100	4,748,679	05/1988	Gold et al.	382	61	
	A101	4,749,087	06/1988	Buttifant	209	534	
	A102	4,753,625	06/1988	Okada	453	32	
	A103	4,764,976	08/1988	Kallin et al.	382	65	
	A104	4,782,328	11/1988	Denlinger	340	365	
	A105	4,784,274	11/1988	Mori et al.	209	534	
	A106	4,803,347	02/1989	Sugahara et al.	235	379	
	A107	4,806,709	02/1989	Evans	178	19	
	A108	4,811,004	03/1989	Person et al.	340	712	
	A109	4,821,332	04/1989	Durham	382	7	
	A110	4,823,393	04/1989	Kawakami	382	7	
	A111	4,825,246	04/1989	Fukuchi et al.	355	4	
	A112	4,827,531	05/1989	Milford	382	7	
	A113	4,837,842	06/1989	Holt	382	26	
	A114	4,841,358	06/1989	Kammoto et al.	358	75	
	A115	4,851,616	07/1989	Wales et al.	178	18	
	A116	4,877,230	10/1989	Winkler et al.	271	3	
	A117	4,880,096	11/1989	Kobayashi et al.	194	206	
	A118	4,881,268	11/1989	Uchida et al.	382	7	
	A119	4,883,181	11/1989	Yoshikawa	209	534	
	A120	4,888,812	12/1989	Dinan et al.	382	7	
	A121	4,903,953	02/1990	Winkler et al.	271	4	

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 Group Art Unit: Not Assigned  
 Examiner: Not Assigned  
 Attorney Docket No.: 47171-00373USD1

**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A122	4,905,840	03/1990	Yuge et al.	209	534	
	A123	4,908,516	03/1990	West	250	556	
	A124	4,922,109	05/1990	Bercovitz et al.	194	207	
	A125	4,928,094	05/1990	Smith	340	712	
	A126	4,931,782	06/1990	Jackson	340	706	
	A127	4,954,697	09/1990	Kokubun et al.	235	381	
	A128	4,970,655	11/1990	Winn et al.	364	479	
	A129	4,973,851	11/1990	Lee	250	556	
	A130	4,980,543	12/1990	Hara et al.	209	534	
	A131	4,992,860	02/1991	Hamaguchi et al.	358	75	
	A132	4,996,604	02/1991	Oqawa et al.	358	486	
	A133	5,023,782	06/1991	Lutz et al.	364	405	
	A134	5,027,415	06/1991	Hara et al.	382	7	
	A135	5,047,871	09/1991	Meyer et al.	358	486	
	A136	5,054,621	10/1991	Murphy et al.	209	534	
	A137	5,055,834	10/1991	Chiba	340	825	
	A138	5,063,599	11/1991	Concannon et al.	382	7	
	A139	5,068,519	11/1991	Bryce	235	449	
	A140	5,076,441	12/1991	Gerlier	209	534	
	A141	5,091,961	02/1992	Baus, Jr.	382	7	
	A142	5,105,601	04/1992	Horiguchi et al.	53	465	
	A143	5,114,381	05/1992	Ueda et al.	453	57	
	A144	5,120,944	06/1992	Kern et al.	235	379	
	A145	5,122,754	06/1992	Gotaas	324	676	

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 Group Art Unit: Not Assigned  
 Examiner: Not Assigned  
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**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A146	5,134,663	07/1992	Kozlowski	382	7	
	A147	5,135,115	08/1992	Miller et al.	209	564	
	A148	5,144,115	09/1992	Yoshida	235	379	
	A149	5,146,512	09/1992	Weideman et al.	382	30	
	A150	5,151,607	09/1992	Crane	250	556	
	A151	5,154,272	10/1992	Nishiumi et al.	194	318	
	A152	5,159,548	10/1992	Caslavka	364	408	
	A153	5,163,672	11/1992	Mennie	271	187	
	A154	5,163,868	11/1992	Adams et al.	453	11	
	A155	5,167,313	12/1992	Dobbins et al.	194	317	
	A156	5,183,142	02/1993	Katchinian et al.	194	206	
	A157	5,184,115	02/1993	Black et al.	340	708	
	A158	5,184,709	02/1993	Nishiumi et al.	194	318	
	A159	5,186,334	02/1993	Fukudome et al.	209	534	
	A160	5,187,750	02/1993	Behera	382	7	
	A161	5,193,121	03/1993	Elischer et al.	382	7	
	A162	5,198,976	03/1993	Form et al.	364	410	
	A163	5,199,543	04/1993	Kamagami et al.	194	207	
	A164	5,201,395	04/1993	Takizawa et al	194	206	
	A165	5,207,788	05/1993	Geib et al	271	122	
	A166	5,231,381	07/1993	Duwaer	340	712	
	A167	5,237,158	08/1993	Kern et al.	235	379	
	A168	5,239,593	08/1993	Wittner et al.	382	14	
	A169	5,261,518	11/1993	Bryce	194	206	

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**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A170	5,286,954	02/1994	Sato et al.	235	379	
	A171	5,295,196	03/1994	Raterman et al.	382	135	
	A172	5,297,030	03/1994	Vassigh et al.	364	405	
	A173	5,299,977	04/1994	Mazur et al.	453	10	
	A174	5,304,813	04/1994	DeMan	250	556	
	A175	5,309,515	05/1994	Troung et al.	382	7	
	A176	5,317,140	05/1994	Dunthorn	250	221	
	A177	5,321,238	06/1994	Kamata et al.	235	379	
	A178	5,335,292	08/1994	Lovelady et al.	382	17	
	A179	5,341,408	08/1994	Melcher et al.	377	8	
	A180	5,342,165	08/1994	Graef et al.	414	788.9	
	A181	5,363,949	11/1994	Matsabayashi	194	206	
	A182	5,367,577	11/1994	Gotaas	382	7	
	A183	5,371,345	12/1994	LeStrange et al.	235	380	
	A184	5,371,798	12/1994	McWhortor	380	51	
	A185	5,373,550	12/1994	Campbell et al.	379	100	
	A186	5,379,344	01/1995	Larson et al.	380	23	
	A187	5,381,019	01/1995	Sato	250	556	
	A188	5,430,664	07/1995	Cargill et al.	364	550	
	A189	5,437,357	08/1995	Ota et al.	194	206	
	A190	5,438,184	08/1995	Roberts et al.	235	380	
	A191	5,444,793	08/1995	Kelland	382	138	
	A192	5,444,794	08/1995	Uhland, Sr.	382	137	
	A193	5,459,304	10/1995	Eisenmann	235	380	

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**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A194	5,465,301	11/1995	Jotcham et al.	380	54	
	A195	5,465,821	11/1995	Akioka	194	207	
	A196	5,467,405	11/1995	Raterman et al.	382	135	
	A197	5,467,406	11/1995	Graves et al.	382	135	
	A198	5,488,671	01/1996	Kern	382	138	
	A199	5,504,822	04/1996	Holt	382	218	
	A200	5,506,691	04/1996	Bednar et al.	358	402	
	A201	5,530,772	06/1996	Storey	382	135	
	A202	5,537,486	07/1996	Stratigos et al.	382	137	
	A203	5,544,043	08/1996	Miki et al.	364	406	
	A204	5,564,546	10/1996	Molbak et al.	194	216	
	A205	5,586,036	12/1996	Pintsov	364	464	
	A206	5,592,377	01/1997	Lipkin	395	242	
	A207	5,600,732	02/1997	Ott et al.	382	112	
	A208	5,602,933	02/1997	Blackwell et al.	382	116	
	A209	5,602,936	02/1997	Green et al.	382	140	
	A210	5,607,040	03/1997	Mathurin, Sr.	194	207	
	A211	5,620,079	04/1997	Molbak	194	217	
	A212	5,633,949	05/1997	Graves et al.	382	135	
	A213	5,640,463	06/1997	Csulits	382	135	
	A214	5,652,802	07/1997	Graves et al.	382	135	
	A215	5,687,963	11/1997	Mennie	271	119	
	A216	5,790,697	08/1998	Munro et al.	382	135	
	A217	5,799,767	09/1998	Molbak	194	217	
	A218	5,830,054	11/1998	Petri	453	5	

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**U.S. PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Name	Class	Sub-Class	Filing Date (if Application)
	A219	5,852,811	12/1998	Atkins	705	36	
	A220	5,926,550	07/1999	Davis	380	25	
	A221	6,021,883	02/2000	Casanova et al.	194	217	
	A222	6,023,684	02/2000	Pearson	705	35	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Ref.	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
	B1	EP 0 077 464	04/1983	Europe	G03H	1/08	No
	B2	EP 0 101 115	02/1984	Europe	G07D	7/00	N/A
	B3	EP 0 109 743	05/1984	Europe	G07D	1/00	N/A
	B4	EP 0 185 200	06/1986	Europe			N/A
	B5	EP 0 253 935	01/1988	Europe	G06K	7/10	
	B6	EP 0 325 364	07/1989	Europe	H04N	1/46	N/A
	B7	EP 0 338 123	10/1989	Europe	G07D	7/00	
	B8	EP 0 342 647	11/1989	Europe	G07D	7/00	
	B9	EP 0 402 627	12/1990	Europe			
	B10	EP 0 578 875	01/1994	Europe			N/A
	B11	EP 0 583 526	02/1994	Europe	G06K	7/00	N/A
	B12	EP 0 583 723	02/1994	Europe	G06K	7/00	N/A
	B13	EP 0 613 107	08/1994	Europe			
	B14	EP 0 633 552	01/1995	Europe			
	B15	EP 0 633 553	02/1995	Europe			N/A
	B16	WO 90/07165	06/1990	International	G07D	7/00	N/A
	B17	WO 91/11778	08/1991	International	G06K	9/00	N/A
	B18	WO 92/17394	10/1992	International			

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**FOREIGN PATENT DOCUMENTS (continued)**

Examiner Initial	Ref.	Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
	B19	WO 93/23824	11/1993	International	G06K	9/00	N/A
	B20	WO 94/16412	07/1994	International	G07D	7/00	
	B21	WO 94/19773	09/1994	International	G07D	7/00	N/A
	B22	WO 95/24691	03/1995	International	G06K	9/00	N/A
	B23	WO 96/10800	09/1995	International	G06K	9/00	N/A
	B24	WO 96/36933	11/1996	International	G06K	9/00	N/A
	B25	WO 98/24041	06/1998	International	G06F	17/60	N/A
	B26	WO 98/48383	10/1998	International	G07D	1/00	
	B27	WO 98/48384	10/1998	International	G07D	1/00	
	B28	WO 98/48385	10/1998	International	G07D	1/00	
	B29	WO 98/51082	11/1998	International	H04N	7/18	
	B30	WO 99/00776	01/1999	International	G07F	9/06	
	B31	GB 2 190 996	12/1987	U.K.	G06K	5/00	N/A
	B32	GB 2 204 166	11/1988	U.K.	G06M	9/02	N/A
	B33	GB 2 272 762	05/1994	U.K.	G01N	21/88	N/A

**OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)**

Examiner Initial	Ref.	Document Information
	C1	AFB Currency Recognition System (1982)
	C2	Barton, Louis L., "Check Processing Operations," Chapter 8 and Appendix 2, pp. 119-140 and 225-231 (1994)
	C3	Brandt, Mach 7 High-Speed Coin Sorter/Counter, 2 pages (April 1, 1993)
	C4	Brandt, Model 8904 Upfeed, High Speed 4-Denomination Currency Dispenser, 2 pages (date prior to May 1996)
	C5	Cash Depositing System CDS 5700 and CDS 5800 (January 3, 1995)
	C6	Cash Receipt System CRS/6501/CRS6510, IREIS (February 1995)

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**OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.) (continued)**

Examiner Initial	Ref.	Document Information
	C7	Cassius Elston, "No More Lines . . . Self Serve Cash-Out," Drop Stream Developments, pp. 3-4 (date prior to May 13, 1996)
	C8	Contomat (date prior to May 13, 1996)
	C9	Cummins-Allison Corp., Operating Instructions for JetScan Currency Scanner/Counter, Model 4061 (April 20, 1993)
	C10	Cummins-Allison Corp., Operating Instructions for JetScan Currency Scanner/Counter, Model 4062 (November 28, 1994)
	C11	Cummins-Allison Corp., Operating Instructions for JetSort® High Speed Sorter/Counter (Kits I & J), 11 pages (1993)
	C12	Cummins-Allison Corp., Operator's Manual for JetScan Currency Scanner/Counter, Model 4060 (August 1991)
	C13	Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4060 (August 1991)
	C14	Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4061 (April 20, 1993)
	C15	Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4062 (November 28, 1994)
	C16	Currency Systems International, CPS 600 and CPS 900 (estimated 1994)
	C17	Currency Systems International, Medium Speed Currency Sorting Family, CPS 600 and CPS 900, 4 pages (1994)
	C18	Currency Systems International, Mr. W. Kranister in Conversation With Richard Haycock, pp. 1-5 (estimated 1994)
	C19	Currency Systems International/Currency Processing Systems, CPS 300, 4 pages (1992)
	C20	De La Rue Gamy GmbH, Cash Depositing Systems CDS 5700 and CDS 5800 (date unknown, with translation)
	C21	Glory, General Catalog of Products, System 8000 at page 5 (1996, with translation)
	C22	Glory, GFB-200/210/220/230, Desk-Top Bank Note Counter, 2 pages (estimated date prior to August 9, 1994)
	C23	Glory, GSA-500 Sortmaster, 2 pages (January 14, 1994)
	C24	Glory, The New CRS-8000 Cash Redemption System (date prior to May 13, 1996)
	C25	Glory, UF-1D, 2 pages (estimated date prior to August 9, 1994)
	C26	ISH I2005/500 SB-Münzähler (date prior to May 13, 1996, with translation)
	C27	Mosler, Inc., "The Mosler/Toshiba CF-420" (1989)

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**OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.) (continued)**

Examiner Initial	Ref.	Document Information
	C28	NGZ 2100 (date prior to May 13, 1996)
	C29	PREMA 405(RE) Self Service Coin Deposit Facility (date prior to May 13, 1996)
	C30	Scan Coin CDS 600 Cash Deposit System (June 15, 1994)
	C31	Scan Coin CDS 640 Cash Deposit System (June 15, 1994)
	C32	Toshiba-Mosler, CF-420 (estimated 1989)
	C33	Toshiba-Mosler, Operator's Manual for CF-420 Cash Settlement System, pp. 1-C-3 (1989)
	C34	Toshiba-Mosler, revised drawings of portions of CF-420 Cash Management System (FIGS. A-C) and description of same (1989)
	C35	Vector Videotape (no date)

**EXAMINER**

**DATE CONSIDERED**

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